

**5-610 -A/B Site Summary- Arrow Point - Catalina Island****5-610 -A/B**County: **Los Angeles Co.**

Thomas Guide Location

Latitude N

Longitude W

USGS Quad: **33118D5**NOAA Chart: **18757**

33 28.6

118 32.3

Last Page Update : 11/12/2003

**SITE DESCRIPTION:**

Small harbor on back-side of Catalina Island, with a wetland west of Arrow Point. Contains area of extensive Harbor Seal haul-out and pupping. Inner portion has a small marshland adjacent.

**SEASONAL and SPECIAL RESOURCE CONCERN**

Rank A - Feb. to June. Rank B - Rest of year.

**RESOURCES OF PRIMARY CONCERN**

Harbor Seal pupping beaches.

California Brown Pelican (Federal and State endangered species) and Bald Eagle (Federal and State endangered species).

**CULTURAL, HISTORIC, and ARCHEOLOGICAL SENSITIVITIES****KEY CONTACTS: Trustee (T); Entry/Owner/Access (E); Cultural (C); or Other Assistance (O)**

Type	Name / Title	Organization	Phone
T		Calif. Dept. of Fish and Game (24 hr)	(916) 445-0045
T		Calif. Dept. of Fish and Game (marine mammals)	(858) 467-4213
T		U.S. Fish and Wildlife Service (24 hr)	(760) 271-6934
T		U.S. Fish and Wildlife Service (8 am - 5 pm)	(760) 431-9440
O		Catalina Island Conservancy	(310) 510-1421
T		NOAA/Nat. Mar. Fish. Service (marine mammals)	(562) 980-4017
T		Calif. Dept. of Fish and Game (Los Alamitos)	(562) 342-7100

**ADDITIONAL SITE SUMMARY COMMENTS:**

## 5-610 -A/B Site Strategy - Arrow Point - Catalina Island

County and Thomas Guide Location  
Los Angeles Co.

NOAA CHART  
18757

## 5-610 -A/B

Latitude N Longitude W  
33 28.6 118 32.3

Last Page Update : 11/12/2003

### CONCERNS and ADVICE to RESPONDERS:

To protect sensitive species breeding and foraging habitat.

### HAZARDS and RESTRICTIONS:

Watch weather and sea conditions.

### SITE STRATEGIES

**Strategy 5-610.1 Objective: Open water containment and recovery to prevent oil from reaching the shoreline.**

ACP DATE

Under suitable sea conditions, use towed boom arrays with OSRO vessels and vessels of opportunity (each boom 660' to 750') as necessary.

### Table of Response Resources

strategy number	harbor boom	swamp boom	Other boom type	sorb boom	Anchoring no type and gear	Boom boat	Skiffs punts	Skimmers No Type	Special Equipment No and kinds	staff deploy	Staff tend
5-610.1			2250 Ocea		0	6	0	0		12	

### LOGISTICS

**DIRECTIONS:** to site (by land and/or by water, to nearest launch ramp and are access permits required.)

Access best by boat.

**LAND ACCESS:** Access best by boat.

### WATER LOGISTICS:

Limitations: depth, obstructions:

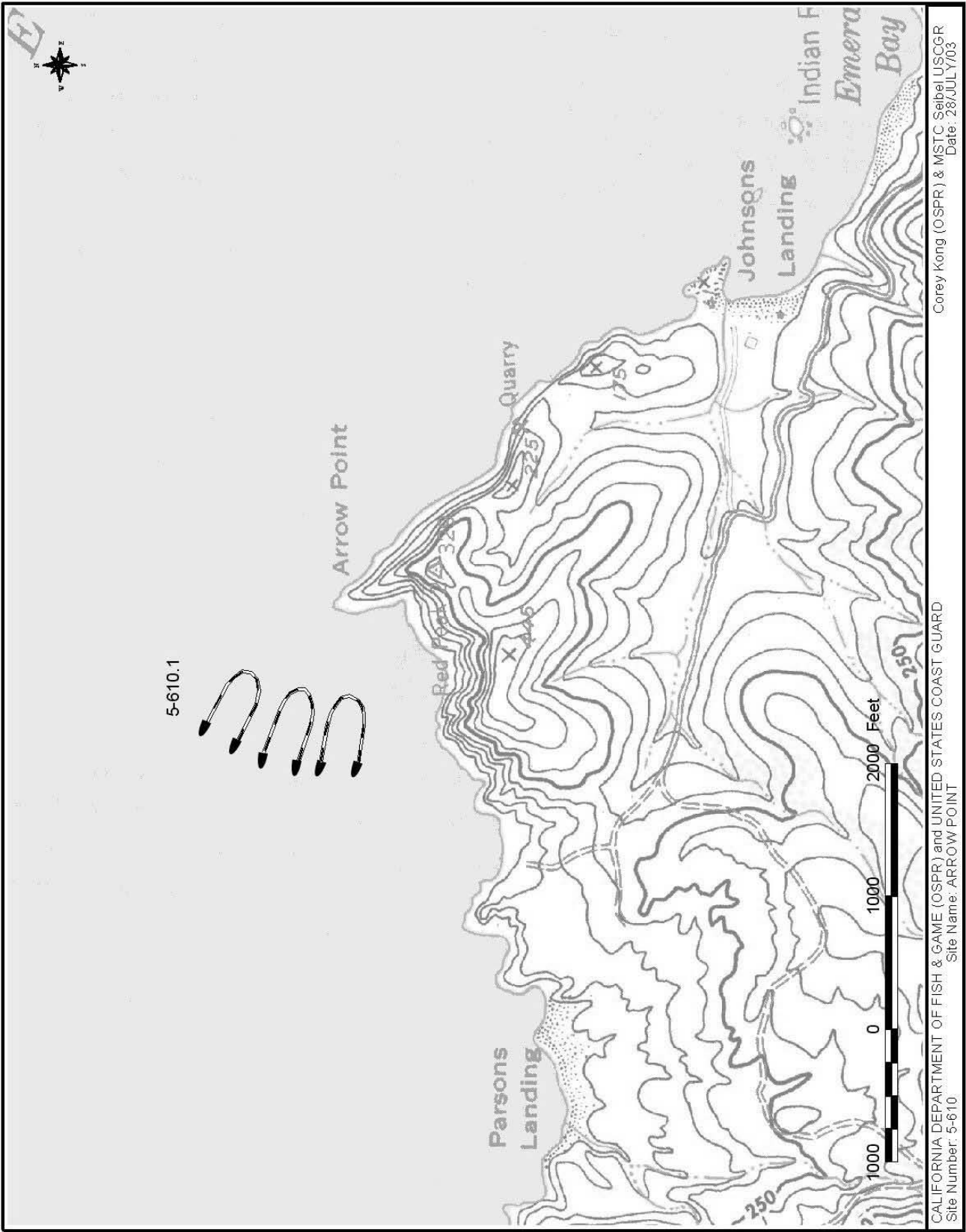
Launching, Loading, Docking Limited services available at Avalon, Two Harbors, and Catalina Harbor.  
and Services Available:

**FACILITIES, STAGING AREAS, POSSIBLE FIELD POSTS AND EQUIPMENT AVAILABLE:**

**COMMUNICATIONS PROBLEMS:**

**ADDITIONAL OPERATIONAL COMMENTS:**

Small aircraft can fly to Catalina Island.



Corey Kong (OSPR) & MSTC, Seibel USCGR  
Date: 28/JULY/03

CALIFORNIA DEPARTMENT OF FISH & GAME (OSPR) and UNITED STATES COAST GUARD  
Site Number: 5-610  
Site Name: ARROW POINT

# 5-620 -A/B Site Summary- Catalina Island Harbor - Catalina Island

5-620 -A/B

County: **Los Angeles Co.**

Thomas Guide Location

Latitude N

Longitude W

USGS Quad: **3318D5**

NOAA Chart: **18757**

33 25.1

118 30.1

Last Page Update : 11/12/2003

## SITE DESCRIPTION:

Small harbor on seaward side of Catalina Island. Contains areas of extensive Harbor Seal haul-out and pupping. Inner portion has a small marshland adjacent.

## SEASONAL and SPECIAL RESOURCE CONCERN

Rank A - Feb. to June. Rank B - Rest of year.

## RESOURCES OF PRIMARY CONCERN

Harbor Seal haul-out and pupping area.

## CULTURAL, HISTORIC, and ARCHEOLOGICAL SENSITIVITIES

### KEY CONTACTS: Trustee (T); Entry/Owner/Access (E); Cultural (C); or Other Assistance (O)

Type	Name / Title	Organization	Phone
T		Calif. Dept. of Fish and Game (24 hr)	(916) 445-0045
T		Calif. Dept. of Fish and Game (marine mammals)	(858) 467-4213
T		U.S. Fish and Wildlife Service (24 hr)	(760) 271-6934
T		U.S. Fish and Wildlife Service (8 am - 5 pm)	(760) 431-9440
O		Catalina Island Conservancy	(310) 510-1421
T		NOAA/Nat. Mar. Fish. Service (marine mammals)	(562) 980-4017
T		Calif. Dept. of Fish and Game (Los Alamitos)	(562) 342-7100

## ADDITIONAL SITE SUMMARY COMMENTS:

# 5-620 -A/B Site Strategy - Catalina Island Harbor - Catalina Island

5-620 -A/B

County and Thomas Guide Location  
Los Angeles Co.

NOAA CHART  
18757

Latitude N Longitude W  
33 25.1 118 30.1

Last Page Update : 11/12/2003

## CONCERNS and ADVICE to RESPONDERS:

To protect sensitive species breeding and foraging habitat.

## HAZARDS and RESTRICTIONS:

Watch weather and sea conditions.

## SITE STRATEGIES

### Strategy 5-620.1 Objective: Open water recovery to prevent oil from reaching shoreline.

ACP DATE

Under suitable sea conditions, use towed boom arrays with OSRO vessels and vessels of opportunity (each boom 660' to 750') as necessary.

### Strategy 5-620.2 Objective: The primary objective is to deflect oil to a collection point to minimize shoreline clean-up and more ecological damage.

ACP DATE

Use deflection boom in a cascade pattern to move oil into a collection point for a skimmer.

## Table of Response Resources

strategy number	harbor boom	swamp boom	Other boom type	sorb boom	Anchoring no type and gear	Boom boat	Skiffs punts	Skimmers No Type	Special Equipment No and kinds	staff deploy	Staff tend
5-620.1			1500 Ocea		0	4	0	0		12	
5-620.2	4000				0	4	0	0		8	

## LOGISTICS

**DIRECTIONS: to site (by land and/or by water, to nearest launch ramp and are access permits required.)**

Access by boat and land.

**LAND ACCESS:** Access best by boat.

## WATER LOGISTICS:

Limitations: depth, obstructions:

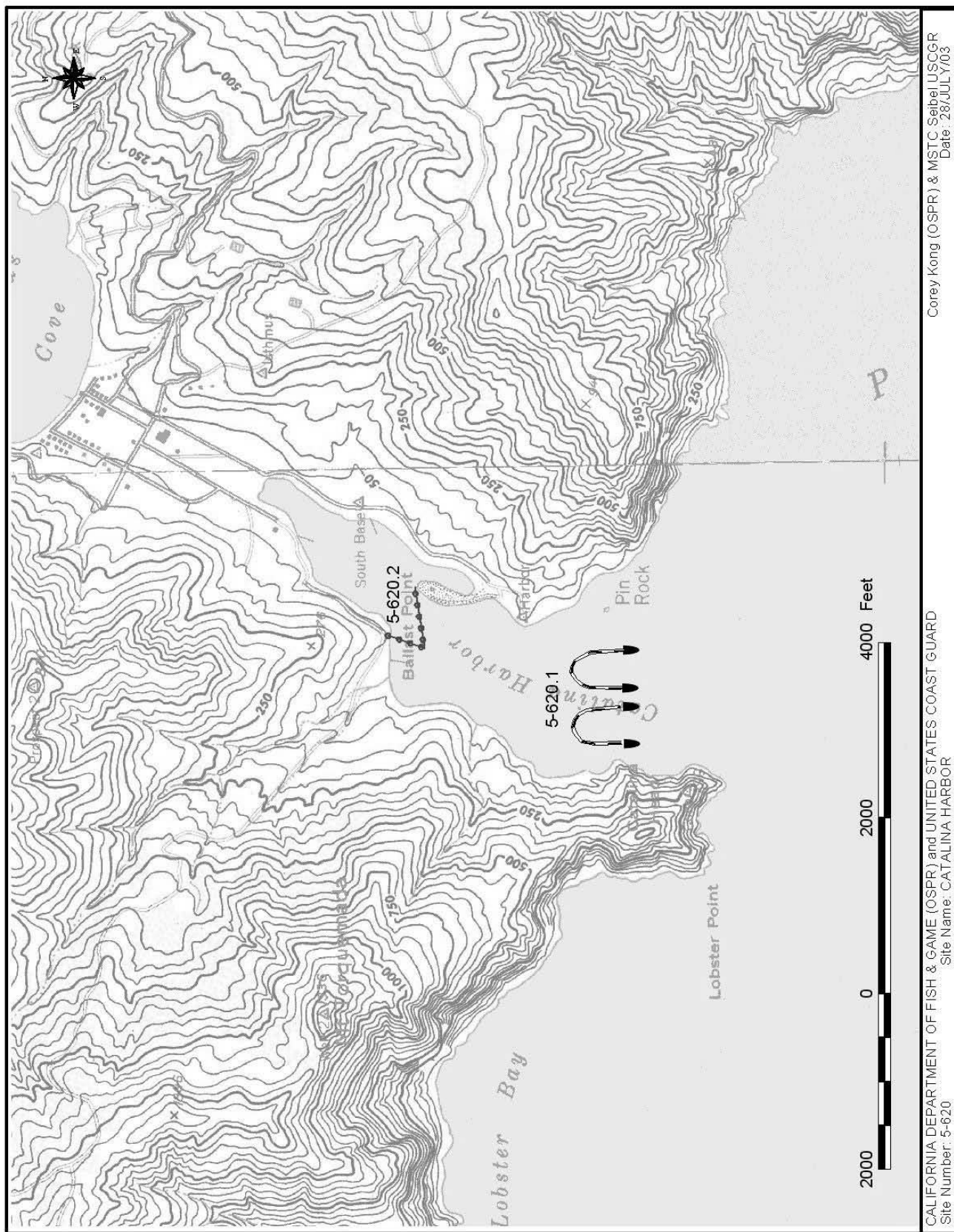
Launching, Loading, Docking Limited services available at Avalon, Two Harbors, and Catalina Harbor.  
and Services Available:

**FACILITIES, STAGING AREAS, POSSIBLE FIELD POSTS AND EQUIPMENT AVAILABLE:**

**COMMUNICATIONS PROBLEMS:**

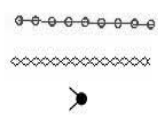
**ADDITIONAL OPERATIONAL COMMENTS:**

Small aircraft can fly to Catalina Island.

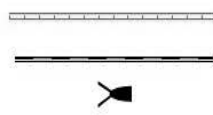


Corey Kong (OSPR) & MSTC Seibel USCGR  
Date: 28 JUL 1703

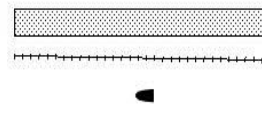
CALIFORNIA DEPARTMENT OF FISH & GAME (OSPR) and UNITED STATES COAST GUARD  
Site Name: CATALINA HARBOR  
Site Number: 5-620



Harbor Boom  
Swamp Boom  
sss / sfs



Sorbent Boom  
Other Boom  
tsa / sps



Dike or Berm  
Excellior Fence  
tba/voo

**5-630 -A Site Summary- Ship Rock - Catalina Island****5-630 -A**County: **Los Angeles Co.**

Thomas Guide Location

Latitude N

Longitude W

USGS Quad: **33118D4**NOAA Chart: **18757**

33 27.2

118 29.1

Last Page Update : 11/12/2003

**SITE DESCRIPTION:**

Large offshore rock that is sail shaped and quite steep.

**SEASONAL and SPECIAL RESOURCE CONCERN**

Rank A - All year.

**RESOURCES OF PRIMARY CONCERN**

Seabird roosting site.

California Brown Pelican (Federal and State endangered species) and Cormorants.

**CULTURAL, HISTORIC, and ARCHEOLOGICAL SENSITIVITIES****KEY CONTACTS: Trustee (T); Entry/Owner/Access (E); Cultural (C); or Other Assistance (O)**

Type	Name / Title	Organization	Phone
T		Calif. Dept. of Fish and Game (24 hr)	(916) 445-0045
T		U.S. Fish and Wildlife Service (24 hr)	(760) 271-6934
T		U.S. Fish and Wildlife Service (8 am - 5 pm)	(760) 431-9440
O		Catalina Island Conservancy	(310) 510-1421
T		Calif. Dept. of Fish and Game (Los Alamitos)	(562) 342-7100

**ADDITIONAL SITE SUMMARY COMMENTS:**

## 5-630 -A Site Strategy - Ship Rock - Catalina Island

County and Thomas Guide Location  
Los Angeles Co.

NOAA CHART  
18757

## 5-630 -A

Latitude N Longitude W  
33 27.2 118 29.1

Last Page Update : 11/12/2003

### CONCERNS and ADVICE to RESPONDERS:

To protect endangered species nesting and foraging habitat.

### HAZARDS and RESTRICTIONS:

Watch weather and sea conditions. High energy wave action.

### SITE STRATEGIES

#### Strategy 5-630.1 Objective: Open water recovery to prevent oil from reaching shoreline.

ACP DATE

Under suitable sea conditions, use towed boom arrays with OSRO vessels and vessels of opportunity (each boom 660' to 750') as necessary.

#### Table of Response Resources

strategy number	harbor boom	swamp boom	Other boom type	sorb boom	Anchoring no type and gear	Boom boat	Skiffs punts	Skimmers No Type	Special Equipment No and kinds	staff deploy	Staff tend
5-630.1			1500 Ocea		0	4	0	0		8	

### LOGISTICS

**DIRECTIONS:** to site (by land and/or by water, to nearest launch ramp and are access permits required.)

Access by boat only.

**LAND ACCESS:** Access by boat only.

#### WATER LOGISTICS:

Limitations: depth, obstructions:

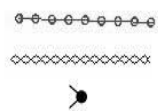
Launching, Loading, Docking Limited services available at Avalon, Two Harbors, and Catalina Harbor.  
and Services Available:

**FACILITIES, STAGING AREAS, POSSIBLE FIELD POSTS AND EQUIPMENT AVAILABLE:**

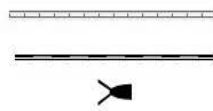
**COMMUNICATIONS PROBLEMS:**

**ADDITIONAL OPERATIONAL COMMENTS:**

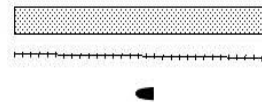




Harbor Boom  
Swamp Boom  
sss / sfs



Sorbent Boom  
Other Boom  
tsa / sps



Dike or Berm  
Excellior Fence  
tba/voo

Corey Kong (OSPR) & MSTC, Seibel USCGR  
Date: 28/JULY/03

CALIFORNIA DEPARTMENT OF FISH & GAME (OSPR) and UNITED STATES COAST GUARD  
Site Number: 5-630  
Site Name: SHIP ROCK

**5-640 -A Site Summary- Bird Rock - Catalina Island****5-640 -A**County: **Los Angeles Co.**

Thomas Guide Location

Latitude N

Longitude W

USGS Quad: **33118D4**NOAA Chart: **18757**

33 27.2

118 29.1

Last Page Update : 11/12/2003

**SITE DESCRIPTION:**

Large dome shaped offshore rock.

**SEASONAL and SPECIAL RESOURCE CONCERN**

Rank A - All year for roosting. Spring - nesting.

**RESOURCES OF PRIMARY CONCERN**

Seabird roosting site.

California Brown Pelican (Federal and State endangered species) and Cormorants.

**CULTURAL, HISTORIC, and ARCHEOLOGICAL SENSITIVITIES****KEY CONTACTS: Trustee (T); Entry/Owner/Access (E); Cultural (C); or Other Assistance (O)**

Type	Name / Title	Organization	Phone
T		Calif. Dept. of Fish and Game (24 hr)	(916) 445-0045
T		U.S. Fish and Wildlife Service (24 hr)	(760) 271-6934
T		U.S. Fish and Wildlife Service (8 am - 5 pm)	(760) 431-9440
O		Catalina Island Conservancy	(310) 510-1421
T		Calif. Dept. of Fish and Game (Los Alamitos)	(562) 342-7100

**ADDITIONAL SITE SUMMARY COMMENTS:**

## 5-640 -A Site Strategy - Bird Rock - Catalina Island

County and Thomas Guide Location  
Los Angeles Co.

NOAA CHART  
18757

## 5-640 -A

Latitude N Longitude W  
33 27.2 118 29.1

Last Page Update : 11/12/2003

### CONCERNS and ADVICE to RESPONDERS:

To protect endangered species nesting and foraging habitat.

### HAZARDS and RESTRICTIONS:

Watch weather and sea conditions. High energy wave action.

### SITE STRATEGIES

#### Strategy 5-640.1 Objective: Open water recovery to prevent oil from reaching shoreline.

ACP DATE

Under suitable sea conditions, use towed boom arrays with OSRO vessels and vessels of opportunity (each boom 660' to 750') as necessary.

#### Table of Response Resources

strategy number	harbor boom	swamp boom	Other boom type	sorb boom	Anchoring no type and gear	Boom boat	Skiffs punts	Skimmers No Type	Special Equipment No and kinds	staff deploy	Staff tend
5-640.1			1500 Ocea		0	4	0	0		8	

### LOGISTICS

**DIRECTIONS:** to site (by land and/or by water, to nearest launch ramp and are access permits required.)

Access by boat only.

**LAND ACCESS:** Access by boat only.

#### WATER LOGISTICS:

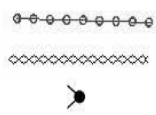
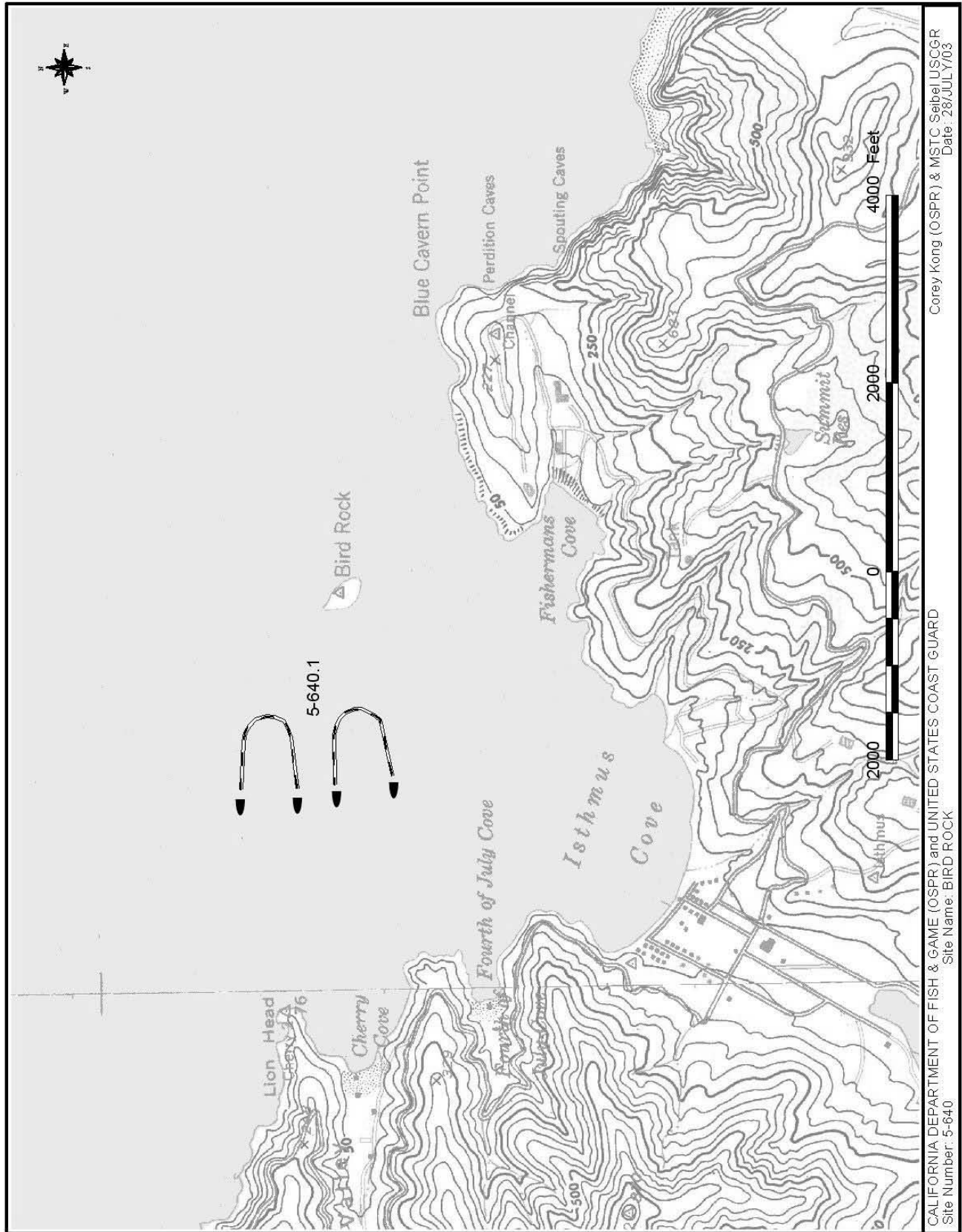
Limitations: depth, obstructions:

Launching, Loading, Docking Limited services available at Avalon, Two Harbors, and Catalina Harbor.  
and Services Available:

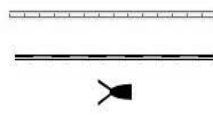
**FACILITIES, STAGING AREAS, POSSIBLE FIELD POSTS AND EQUIPMENT AVAILABLE:**

**COMMUNICATIONS PROBLEMS:**

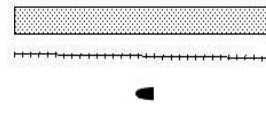
**ADDITIONAL OPERATIONAL COMMENTS:**



Harbor Boom  
Swamp Boom  
sss / sfs



Sorbent Boom  
Other Boom  
tsa / sps



Dike or Berm  
Excelsior Fence  
tba/voo

## 5-650 -A/B Site Summary- China Point - Catalina Island

5-650 -A/B

County: **Los Angeles Co.**

Thomas Guide Location

Latitude N

Longitude W

USGS Quad: **33118C4**

NOAA Chart: **18757**

33 19.2

118 27.2

Last Page Update : 11/12/2003

### SITE DESCRIPTION:

Rocky beach with shallow haul-out area for Harbor Seals and California Sea Lions and Harbor Seal pupping.

### SEASONAL and SPECIAL RESOURCE CONCERN

Rank A - Feb. to June. Rank B - Rest of year.

### RESOURCES OF PRIMARY CONCERN

Harbor Seal and California Sea Lion haul-out. Harbor Seal pupping beach.

### CULTURAL, HISTORIC, and ARCHEOLOGICAL SENSITIVITIES

#### KEY CONTACTS: Trustee (T); Entry/Owner/Access (E); Cultural (C); or Other Assistance (O)

Type	Name / Title	Organization	Phone
T		Calif. Dept. of Fish and Game (24 hr)	(916) 445-0045
T		Calif. Dept. of Fish and Game (marine mammals)	(858) 467-4213
T		U.S. Fish and Wildlife Service (24 hr)	(760) 271-6934
T		U.S. Fish and Wildlife Service (8 am - 5 pm)	(760) 431-9440
O		Catalina Island Conservancy	(310) 510-1421
T		NOAA/Nat. Mar. Fish. Service (marine mammals)	(562) 980-4017
T		Calif. Dept. of Fish and Game (Los Alamitos)	(562) 342-7100

#### ADDITIONAL SITE SUMMARY COMMENTS:

## 5-650 -A/B Site Strategy - China Point - Catalina Island

County and Thomas Guide Location  
Los Angeles Co.

NOAA CHART  
18757

## 5-650 -A/B

Latitude N Longitude W  
33 19.2 118 27.2

Last Page Update : 11/12/2003

### CONCERNS and ADVICE to RESPONDERS:

To protect sensitive species breeding and foraging habitat.

### HAZARDS and RESTRICTIONS:

Watch weather and sea conditions.

### SITE STRATEGIES

#### Strategy 5-650.1 Objective: Open water recovery to prevent oil from reaching shoreline.

ACP DATE

Under suitable sea conditions, use towed boom arrays with OSRO vessels and vessels of opportunity (each boom 660' to 750') as necessary.

#### Table of Response Resources

strategy number	harbor boom	swamp boom	Other boom type	sorb boom	Anchoring no type and gear	Boom boat	Skiffs punts	Skimmers No Type	Special Equipment No and kinds	staff deploy	Staff tend
5-650.1			3000 Ocea		0	8	0	0		16	

### LOGISTICS

**DIRECTIONS:** to site (by land and/or by water, to nearest launch ramp and are access permits required.)

Access best by boat.

**LAND ACCESS:** Access best by boat.

#### WATER LOGISTICS:

Limitations: depth, obstructions:

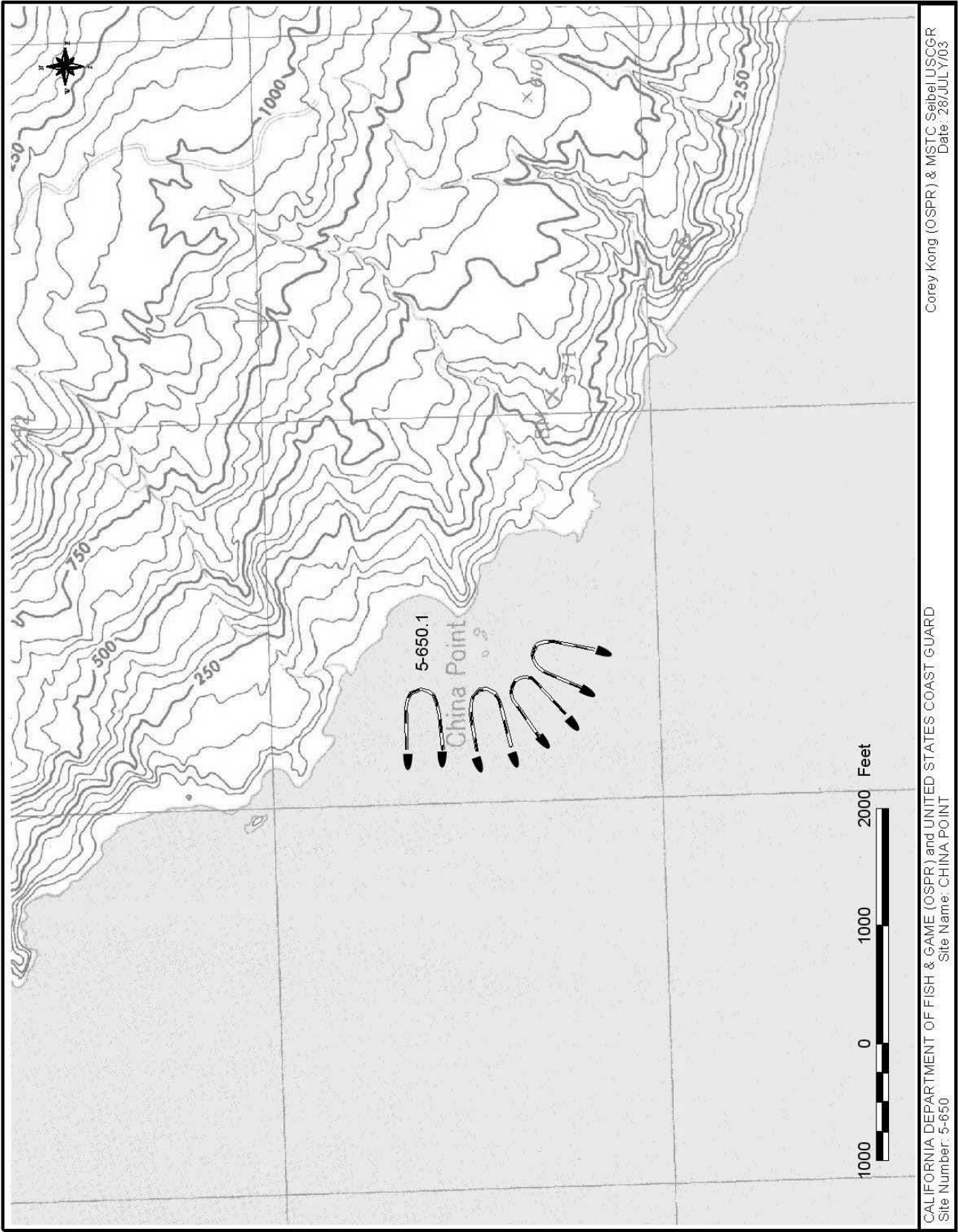
Launching, Loading, Docking Limited services available at Avalon, Two Harbors, and Catalina Harbor.  
and Services Available:

**FACILITIES, STAGING AREAS, POSSIBLE FIELD POSTS AND EQUIPMENT AVAILABLE:**

**COMMUNICATIONS PROBLEMS:**

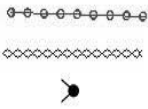
**ADDITIONAL OPERATIONAL COMMENTS:**

Small aircraft can fly to Catalina Island.

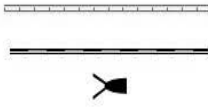


Corey Kong (OSPR) & MSTC Seibel/USCGR  
Date: 28/JUL/703

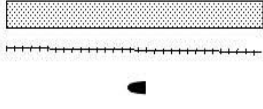
CALIFORNIA DEPARTMENT OF FISH & GAME (OSPR) and UNITED STATES COAST GUARD  
Site Name: CHINA POINT  
Site Number: 5-650



Harbor Boom  
Swamp Boom  
sss / sfs



Sorbent Boom  
Other Boom  
tsa / sps



Dike or Berm  
Excellior Fence  
tba/voo

## 5-660 -A/B Site Summary- Salta Verde Point - Catalina Island

5-660 -A/B

County: **Los Angeles Co.**

Thomas Guide Location

Latitude N

Longitude W

USGS Quad: **33118C4**

NOAA Chart: **18757**

33 18.1

118 25.1

Last Page Update : 11/12/2003

### SITE DESCRIPTION:

Rocky and sandy beach with an extensive haul-out area for Harbor Seal pupping.

### SEASONAL and SPECIAL RESOURCE CONCERN

Rank A - Feb. to June. Rank B - Rest of year.

### RESOURCES OF PRIMARY CONCERN

Harbor Seal pupping beach.

### CULTURAL, HISTORIC, and ARCHEOLOGICAL SENSITIVITIES

#### KEY CONTACTS: Trustee (T); Entry/Owner/Access (E); Cultural (C); or Other Assistance (O)

Type	Name / Title	Organization	Phone
T		Calif. Dept. of Fish and Game (24 hr)	(916) 445-0045
T		Calif. Dept. of Fish and Game (marine mammals)	(858) 467-4213
T		U.S. Fish and Wildlife Service (24 hr)	(760) 271-6934
T		U.S. Fish and Wildlife Service (8 am - 5 pm)	(760) 431-9440
O		Catalina Island Conservancy	(310) 510-1421
T		NOAA/Nat. Mar. Fish. Service (marine mammals)	(562) 980-4017
T		Calif. Dept. of Fish and Game (Los Alamitos)	(562) 342-7100

#### ADDITIONAL SITE SUMMARY COMMENTS:



# 5-660 -A/B Site Strategy - Salta Verde Point - Catalina Island

5-660 -A/B

County and Thomas Guide Location  
Los Angeles Co.

NOAA CHART  
18757

Latitude N Longitude W  
33 18.1 118 25.1

Last Page Update : 11/12/2003

## CONCERNS and ADVICE to RESPONDERS:

To protect sensitive species breeding and foraging habitat.

## HAZARDS and RESTRICTIONS:

Watch weather and sea conditions.

## SITE STRATEGIES

### Strategy 5-660.1 Objective: Open water recovery to prevent oil from reaching shoreline.

ACP DATE

Under suitable sea conditions, use towed boom arrays with OSRO vessels and vessels of opportunity (each boom 660' to 750') as necessary.

#### Table of Response Resources

strategy number	harbor boom	swamp boom	Other boom type	sorb boom	Anchoring no type and gear	Boom boat	Skiffs punts	Skimmers No Type	Special Equipment No and kinds	staff deploy	Staff tend
5-660.1			3750 Ocea		0	10	0	0		20	

## LOGISTICS

**DIRECTIONS:** to site (by land and/or by water, to nearest launch ramp and are access permits required.)

Access best by boat.

**LAND ACCESS:** Access best by boat.

#### WATER LOGISTICS:

Limitations: depth, obstructions:

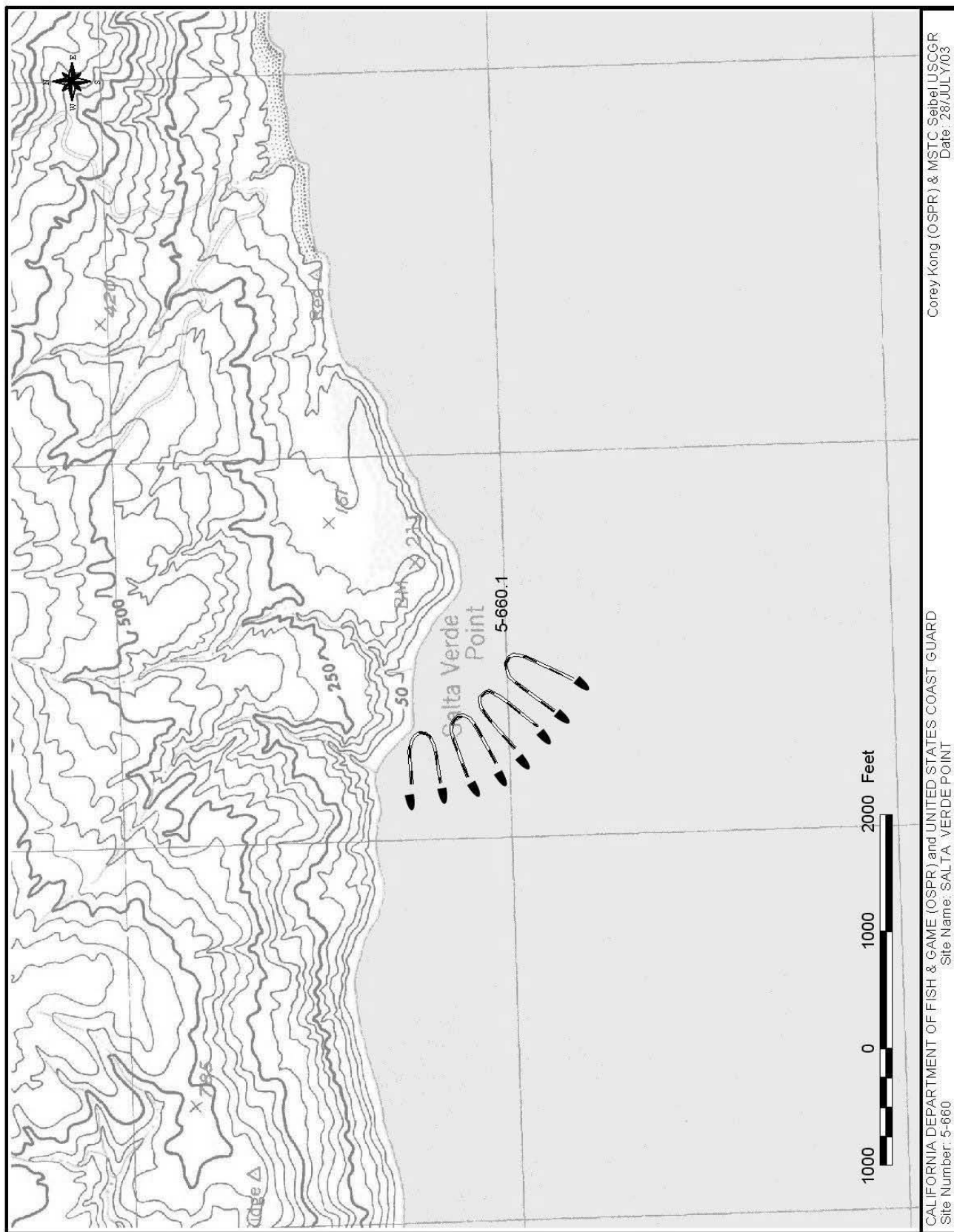
Launching, Loading, Docking Limited services available at Avalon, Two Harbors, and Catalina Harbor.  
and Services Available:

**FACILITIES, STAGING AREAS, POSSIBLE FIELD POSTS AND EQUIPMENT AVAILABLE:**

**COMMUNICATIONS PROBLEMS:**

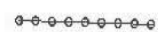
**ADDITIONAL OPERATIONAL COMMENTS:**

Small aircraft can fly to Catalina Island.

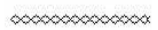


Corey Kong (OSPR) & MSTC Seibel/USCGR  
Date: 28/JUL/703

CALIFORNIA DEPARTMENT OF FISH & GAME (OSPR) and UNITED STATES COAST GUARD  
Site Name: SALTA VERDE POINT  
Site Number: 5-660



Harbor Boom



Swamp Boom



sss / sfs



Sorbent Boom



Other Boom



tsa / sps



Dike or Berm



Excellior Fence



tba/voo

## 5-670 -A/B Site Summary- Seal Rocks - Catalina Island

5-670 -A/B

County: **Los Angeles Co.**

Thomas Guide Location

Latitude N

Longitude W

USGS Quad: **33118C3**

NOAA Chart: **18757**

33 18.1

118 18.1

Last Page Update : 11/12/2003

### SITE DESCRIPTION:

Nearshore rock and shoreline relief areas for Harbor Seal and California Seal Lion haul-out and pupping.

### SEASONAL and SPECIAL RESOURCE CONCERN

Rank A - Feb. to June. Rank B - Rest of year.

### RESOURCES OF PRIMARY CONCERN

Harbor Seal and California Sea Lion haul-out and pupping.

### CULTURAL, HISTORIC, and ARCHEOLOGICAL SENSITIVITIES

#### KEY CONTACTS: Trustee (T); Entry/Owner/Access (E); Cultural (C); or Other Assistance (O)

Type	Name / Title	Organization	Phone
T		Calif. Dept. of Fish and Game (24 hr)	(916) 445-0045
T		Calif. Dept. of Fish and Game (marine mammals)	(858) 467-4213
T		U.S. Fish and Wildlife Service (24 hr)	(760) 271-6934
T		U.S. Fish and Wildlife Service (8 am - 5 pm)	(760) 431-9440
O		Catalina Island Conservancy	(310) 510-1421
T		NOAA/Nat. Mar. Fish. Service (marine mammals)	(562) 980-4017
T		Calif. Dept. of Fish and Game (Los Alamitos)	(562) 342-7100

#### ADDITIONAL SITE SUMMARY COMMENTS:

## 5-670 -A/B Site Strategy - Seal Rocks - Catalina Island

County and Thomas Guide Location  
Los Angeles Co.

NOAA CHART  
18757

## 5-670 -A/B

Latitude N Longitude W  
33 18.1 118 18.1

Last Page Update : 11/12/2003

### CONCERNS and ADVICE to RESPONDERS:

To protect sensitive species breeding and foraging habitat.

### HAZARDS and RESTRICTIONS:

Watch weather and sea conditions.

### SITE STRATEGIES

#### Strategy 5-670.1 Objective: Open water recovery to prevent oil from reaching shoreline.

ACP DATE

Under suitable sea conditions, use towed boom arrays with OSRO vessels and vessels of opportunity (each boom 660' to 750') as necessary.

#### Table of Response Resources

strategy number	harbor boom	swamp boom	Other boom type	sorb boom	Anchoring no type and gear	Boom boat	Skiffs punts	Skimmers No Type	Special Equipment No and kinds	staff deploy	Staff tend
5-670.1			3000 Ocea		0	8	0	0		16	

### LOGISTICS

**DIRECTIONS:** to site (by land and/or by water, to nearest launch ramp and are access permits required.)

Access best by boat.

**LAND ACCESS:** Access best by boat.

#### WATER LOGISTICS:

Limitations: depth, obstructions:

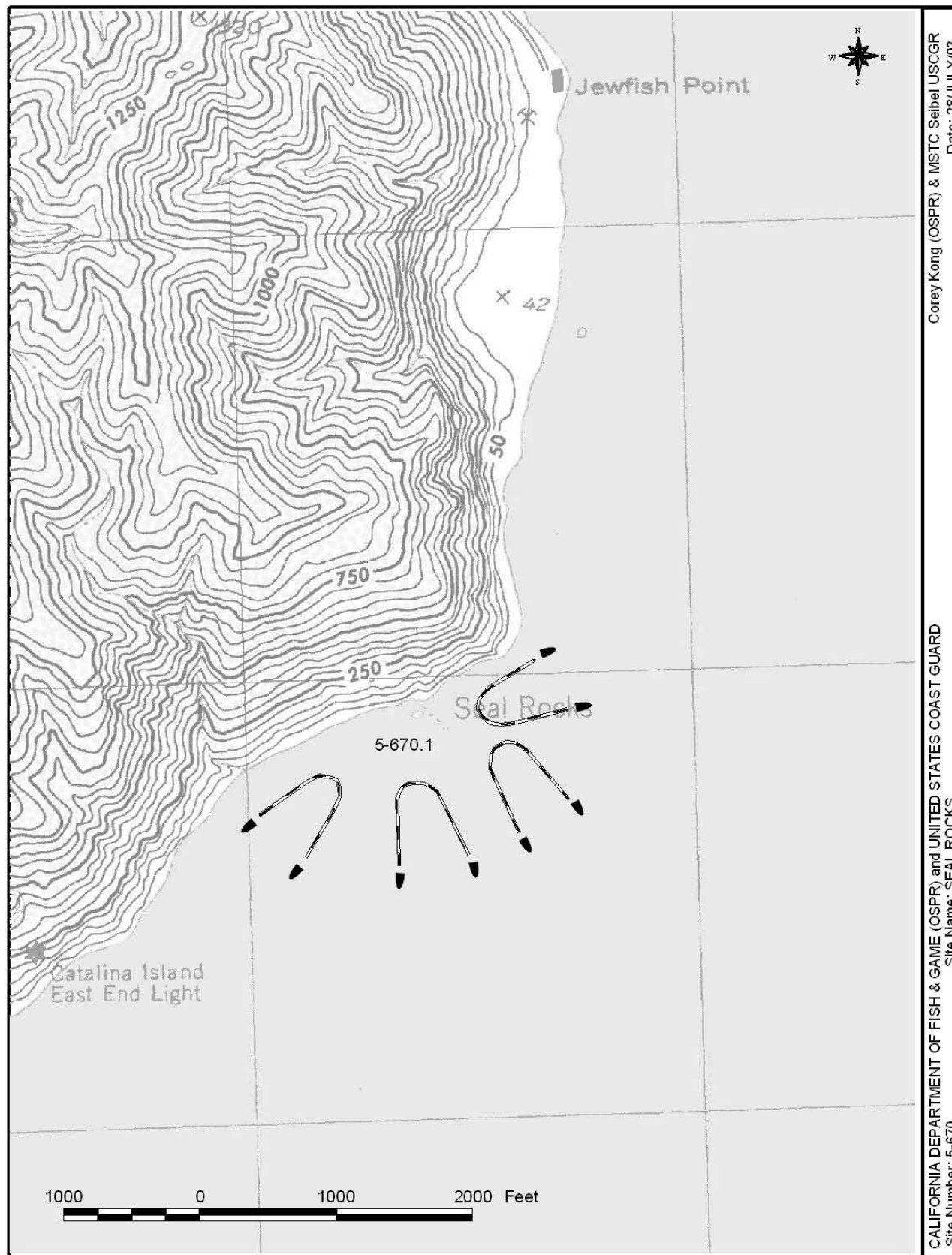
Launching, Loading, Docking Limited services available at Avalon, Two Harbors, and Catalina Harbor.  
and Services Available:

**FACILITIES, STAGING AREAS, POSSIBLE FIELD POSTS AND EQUIPMENT AVAILABLE:**

**COMMUNICATIONS PROBLEMS:**

**ADDITIONAL OPERATIONAL COMMENTS:**

Small aircraft can fly to Catalina Island.



- |  |             |  |              |  |                 |
|--|-------------|--|--------------|--|-----------------|
|  | Harbor Boom |  | Sorbent Boom |  | Dike or Berm    |
|  | Swamp Boom  |  | Other Boom   |  | Excellior Fence |
|  | sss / sfs   |  | tsa / sps    |  | tba/voo         |